

From owner-boatanchors@sco.theporch.com Tue May 13 00:03:21 1997
From: jeffa@ix.netcom.com (Jeff Anderson)
Subject: AC Meters & Heath TT-1
Message-ID: <199705130417.XAA14834@dfw-ix4.ix.netcom.com>

I've spent the last couple of days working on a Heathkit TT-1 tube tester that I recently purchased, and have traced one of its several problems back to the unit's meter itself. For transconductance measurements the TT-1 feeds an AC signal to this meter. Within the meter is a diode bridge (selenium?), which rectifies the AC for the DC meter movement.

During my troubleshooting I noticed that this meter's resistance was different depending on the polarity of ohm-meter's leads applied to the meter's terminals. Digging deeper, it seems that one of the diodes in the internal bridge is shorted (I'll verify this tomorrow when I perform brain surgery on the meter).

Now here are my questions:

1. Does anyone know if the bridge in this meter is selenium, or something else?
2. If selenium, can I simply replace it with a bridge made of silicon diodes, or is the on-voltage significantly different between the two? I'm not sure if this would be a problem, but...
3. Any other "gotcha's?"

I'd like to use small diodes: perhaps 4 - 1n4148 diodes. I'll measure the DC current rating of the meter tomorrow and check that the current isn't a problem (but I can't imagine that it would be). Any thoughts or suggestions?

Thanks for any help!

- Jeff, WA6AHL

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From owner-boatanchors@sco.theporch.com Tue May 13 00:03:21 1997
From: "Cheney,Charlie" <ccheney@foxboro.com>
Subject: ARB accessories
Message-ID: <c=US%a=_%p=SCD%l=SCD/FOXBORO/0001678C@exchange_fox.foxboro.com>

A non-wired friend of mine is looking for any ARB accessories (having found two control heads at Hosstraders gave him the idea that there must be some other components out there). Some specific type numbers he mentioned include spares box RCA MI-8695 and operators control box CRV-23256, but he is interested in anything that worked with the ARB.

If anyone with such items to sell would be good enough to contact me, I will put him in touch with Peter WA1ISA, or you may contact him directly at his CBA.

Thanks and 73,

Charlie AA1HB

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From owner-boatanchors@sco.theporch.com Tue May 13 00:03:21 1997
From: "Gene S. Katz" <gkatz@motown.lmco.com>
Subject: B17/B24 radios (BC457/458)
Message-ID: <Chameleon.970512162914.gkatz@pc062164.motown.lmco.com>

Name: Gene Katz
E-mail: gkatz@motown.lmco.com
From owner-boatanchors@sco.theporch.com Tue May 13 00:03:21 1997
From: w2ec@VNET.IBM.COM
Subject: BA Archive of an.grc-109.data
Message-ID: <199705121350.NAA02968@sco.theporch.com>

The file an.grc-109.data was in the BA index I took last month but is missing this month. Any reason it was deleted? Anybody got a copy they could send me?

Thanks, Ray W2EC w2ec@vnet.ibm.com

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From owner-boatanchors@sco.theporch.com Tue May 13 00:03:21 1997
From: "Chuck Hatcher" <chatcher@ramlink.net>
Subject: BA Test Equipment (Military)
Message-ID: <199705122313.TAA26255@ram.ramlink.net>

This is my first post to this group - let me know if I don't do it right!

I recently bought a few government surplus items I am curious about:

AN/TRM-3 (A VHF Signal Generator) consisting of:

SG-24/TRM-3 Generator, Sweep
CY-194/TRM-3 Case, Test Set
MX-1981 Attachment, BNC Female to Probe Tip
DA-138 Attachment, BNC Female only (Termination?)
MX-1982 Attachment, BNC Female & Male (Attenuator?)
CN-374 ""
Another Unmarked ""

Manufacturer is Transitron. It has a CRT display, the function of which I am uncertain. I count 34 tubes plus the CRT, seems to have some kind of tuned cavity oscillator. Frequency range is 15 to 400 MHz in six bands. Power out is -125 to +15 dBm. Modulation AM/FM/CW. One of the more impressive-looking tubes is marked 5R4WGA. On power-up no fuses blow, I can hear a motor but see no blower, CRT trace lights up, and I hear enough occasional pops (sound kind of like momentary arcs) that I shut it back off.

TS-1993/ALM-48 Spectrum Analyzer (I have 4, at about 100 lbs each)

Front Panel says "Broadband Spectrum Analyzer" and "General Electric". Large hole for a plug-in unit, only two had plug-ins, one X-band and one S-band. Bad news is it wants 400Hz power. Didn't count the tubes, but some of them are very tiny and apparently soldered in. One very interesting metal-encased contraption has an N Male, an N Female, and wires (for power?), some kind of amplifier maybe?

Tektronix R647A Oscilloscope (OS-203/GRA-111) (I have two)

Dual trace, dual timebase, don't know the bandwidth. 19" wide, rack mountable (I'd use a rear support - this unit is very heavy) One has had its power connector (on rear) unprofessionally replaced with a standard connector. This one works great. The other still has an oddball connector and I haven't checked it. The plug-in units seem to be all solid state, but the chassis has some tubes (in addition to the CRT). I'd like to find a manual for these.

Hickock 1600 VTVM (I have 3, they look OK)

This last item really doesn't belong here but may be of interest:
TS-2059/AWM-18 RF Test Set. Apparently some find of radar field strength meter, has a fiberglass window in the case, inside there is a horn antenna leading to a diode detector - the guts are solid state. It wants a bunch of

mercury batteries. I have a dozen of these, most with beat up cases, two are "new" and pretty.

None of this stuff came with a manual. I'd like to hear any comments from the group on any or all of it. I'm open to suggestions as to what I might do with it. If you want any of it, I like to trade. I'm currently looking for a couple of quality general coverage HF receivers, BA or more recent, as well as usable ham gear. I will be at Dayton on Saturday only, and could carry a few pieces there if anyone wants to see them.

Enjoying the group,
Chuck Hatcher, N4WCY
Ashland, KY

www.chaos1.com/elex for a list of newer test equipment I am selling.

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From owner-boatanchors@sco.theporch.com Tue May 13 00:03:21 1997

From: Cosmo224@aol.com

Subject: BA's at the Las Vegas Gun Show

Message-ID: <970512211414_1190170032@emout08.mail.aol.com>

Howdy all

Boatanchors show up at the darndest places...

While goofing around in LV, I had a chance to visit the gun show which looked to be a pretty big event. Since there was surplus mentioned in the adds, I figured it was worth a look to see if any radio stuff showed up. Some of the items seen were:

A BC375 plug in tuner for \$50!

An aircraft hf radio rcvr, WWII era, didnt get the number but it was something I have never seen before. \$50

Some old field phones and PRC whip antennas

Several downed pilot radios - solid state (URC64?) asking price was \$5 ! I noticed the plate that covered the sealed tx/rx units was removed on all samples. I asked why so cheap and was told that the radios were demilitarized - There were two holes in the sealed rx/tx units that were made with a drill to render the radio useless. ARRGH!

Cool purchase at the show: I was speaking with a dealer with quite a bit of Warsaw pact stuff. There was a Russian field phone and a modern RACAL field phone. I asked if he had any telegraph or radio stuff. He dug around in a box under the table and pulled out two telegraph keys. Ball knob, bakalite dust cover, the tag on the inside read:
VEB KFZ BEDARF LEIPZIG Morsetaste K64 Made in GDR

One unit was in excellent shape and the other was kinda scungy but they both came with the table mounting hardware. Needless to say but I bought both of them. I have no idea if these keys were military/commercial or what but should be cool to use on SKN along with my GRC 109. I will have to build up an adapter since the plug is two prongs that looks alot like the 220volt power recepticals.

73 de AA9IL
Mike Kana

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From owner-boatanchors@sco.theporch.com Tue May 13 00:03:21 1997
From: ARONGV@aol.com
Subject: BAs For Mother's Day
Message-ID: <970512215322_-665524600@emout13.mail.aol.com>

Hi Gang:

Some of you may recall that a few weeks ago I offered a restorable Howard 438 and a National 60 "Special" free for postage to the List?

It was a hectic night when I boxed both up along with a Globe Chief 90 somwone wanted for postage. To make my tape cutting easy, I borrowed one of the stake knives from the kitchen. My Xyl being out of town on business, I could do that.

Sunday, our kids came over for Mother's Day dinner. We fixed the dinner for the little lady. I cooked STAKES. Yummmmm!

Then, as the girls were setting the table, the Xyl discovers that we're one stake knife short! So, she turns to me and says, "I suppose you don't know anything about this?" Gosh, it'd been at least 10 years since she caught me stirring paint with her spatchela!

So tonight I get an E-mail from Bob, K9EUI, Aurora, Illinois, who got the NC-60.

Bob writes:

1) was the main tuning knob missing (I looked quickly thru the packing and didn't find it -- no sweat -- just curious).

2) are you missing a stake knife. There was one on the packing material. good thing I pawed thru it gently.

Gently indeed. Bob didn't get stuck, so to speak, but I was stuck trying to explain where that knife went. How was I to know that as we talked it was sitting in Aurora, Illinois.

Of course, given enough buying and selling over the years, we've all found some interesting(?) things in the packing. How about you?

Happy hunting & 73s

Ron "The Knife" W00IZ Kansas City

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From owner-boatanchors@sco.theporch.com Tue May 13 00:03:21 1997

From: "Cheney,Charlie" <ccheney@foxboro.com>

Subject: Can you identify this phone/mike plug?

Message-ID: <c=US%a=_%p=SCD%l=SCD/FOXBORO/000FAA45@exchange_fox.foxboro.com>

Can anyone identify the radio which matches a headphone/hand mike bought at Hosstraders? The plug body is conical black bakelite or hard rubber, about 2 1/2" long and 1" diameter at the base. The "business end" of the plug is trapezoidal, with one flat contact at the top and two on each long side of the trapezoid (total 5 contacts).

Excuse my ignorance if this plug is as common to military BA fanciers as a BNC! I'm new to this game.

Thanks and 73 to all,

Charlie AA1HB

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From owner-boatanchors@sco.theporch.com Tue May 13 00:03:21 1997

From: dlr11@scasd.k12.pa.us (Douglas Ripka)

Subject: Central PA Radio Coll. Club Show
Message-ID: <199705121220.IAA18651@scasd.k12.pa.us>

Just wanted to announce the following upcoming event:

Central PA Radio Collectors Club
Show and Swap Meet

May 31, 1997

To Be Held At: Cloverleaf Barn Antiques & Gift Village
120 McCracken Rd.
I-80, Exit 33 Danville (RTE 54 West)

8 am to Afternoon, food available

Dealer Space \$6.00 Bring your own tables.

Info: Frank Hagenbuch (717)-326-0932
Mike Heffner (717)-546-2907

I will be there with a table displaying some of my homebrew projects, including a homemade bug, 1 tube transmitter, 2 regen rx's, and some projects built by my friend, Leo Kalinsky KB3SK, including a Browning Drake rx. This show is mostly devoted to early BC radios, but I have found some BA type stuff, like a RME 126 converter, and some transmitting tubes.

73,

Doug
Doug Ripka (dlr11@scasd.k12.pa.us)
KA3TTQ

State College Area High School, Center for Applied Academics and Technologies

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From owner-boatanchors@sco.theporch.com Tue May 13 00:03:21 1997
From: Jay Coward <jayc@hpcmr42.sj.hp.com>
Subject: Collings B-17,B-24
Message-ID: <9705121817.AA21211@hpcmr42.sj.hp.com>

Greetings,

A few BA digests ago, someone mentioned that these airplanes were lacking radio gear. However, when I went aboard last year and the previous year, there were BC-348's and BC-375's in

both and a fairly complete SCR-274N in the B-17.

Nothing was hooked up though. I highly recommend seeing these airplanes if you get the chance.

I asked a guy who flew in B-24's in WWII what it was like. He replied "Hours of boredom punctuated by moments of sheer terror".

73 Jay

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From owner-boatanchors@sco.theporch.com Tue May 13 00:03:21 1997

From: Sandra L Knepper <slkst29+@pitt.edu>

Subject: Collins Forum at Dayton

Message-ID: <Pine.GS0.3.95L.970512070218.4580L-100000@unixs4.cis.pitt.edu>

Please try to attend the Collins Radio Forum at the Dayton Hamvention on Sunday, May 18 from 10:45 to 11:45 AM in Room 4. I will be doing a slide show with narration on the history of Collins Radio.

I will be in the flea market in spots 2317-2318 throughout Hamvention. Please stop by and say hello.

Thank you.

Dave, W3BJZ

Publisher of the monthly Collins Journal

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From owner-boatanchors@sco.theporch.com Tue May 13 00:03:21 1997

From: Laird_Tom_N@hpmail1.90.deere.com

Subject: Dayton BA people

Message-ID: <H00005a004f2f9a1@MHS>

Here is the latest list. I will make one more update and send out tomorrow. Please print out a few copies and take them with you for other people to use.

Tom Laird WC9M Moline, IL

CALL	NAME	SPACE	HOTEL	NOTES
----	----	-----	-----	-----
WD4KZK	Charles	115		
WA5VVT	John	459		Perfect 10 antenna company

WB90VV	John	735		
KK8M	Tom	1129-30	Best Western Fairborn	with WA1APX,
KA4GAV,				
K8NNU	Terry	1951-52		
WA4LAV	Bill	2141-2142		
W3BJZ	Dave	2317		Collins Journal
KA6EPI	Dave	2353		
W8ZR	Jim	2757		
K9UWA	John	2843,2844	Plaza (old Stouffers)	BA's & Antiques
W5VDU	Rich	2912		
W8ZV	Kim	3249-51	(also W4PNT, Dee and WA8GLE,	
Steve)				
W4SSB	Manuel	3821		

WALK AROUNDS

KB9GKX	BOBBI			
WC9M	TOM	Hampton Inn North		Fri, Sat, Sun.
W4KH	JACK(*)			
KE4000	GREG			Fri, Sat, Sun.
N4RT	RON			
WD4KZK	CHARLES			
KA4QYN	EMERSON			
K9FD	MERV	Howard Johnsons		Thur Fri Sat.
W4EJ	DAVE			with HP booth
W1GGM	EMIL	Comfort Inn-Fairborn		Thur-Sun.
VE3JPT	JEAN PAUL	Radisson Inn		Fri, Sat, Sun.
VE4ANC	LEE			
VE4YH	GARY			
W1RC	Mike Crestohl(*)			
VE2QF	CYNTHIA			
K2XT	Rick(*)			
KH6CTQ	PETER	Holiday Inn, Fairborn		
KB9R	JOE			
W1ALZ	TOM			(S-line feet)
	TOM KELLY	(welcome aboard Tom)		Friday &
				Saturday

(*) Mike, Jack and Rick will be moderating/speaking at the Amateur radio and

Internet forum on Saturday from 3:00 to 5:00pm in ROOM 4 at Hara Arena.

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From owner-boatanchors@sco.theporch.com Tue May 13 00:03:21 1997

From: Mike Sewell <K0CRX@compuserve.com>

Subject: Dial Cord Restraining

Message-ID: <199705122000_MC2-1671-41ED@compuserve.com>

FWIW, I was in a local Radio Shack store several days ago snooping around and found a product I was not aware of. It's a blister pack containing a length of dial cord and three tension springs. Someone asked a while ago about a source of dial cord/springs. Try your local Radio Shack!!

73, Mike

K 0 Collects Radios eXclusively/WPE0CFK

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From owner-boatanchors@sco.theporch.com Tue May 13 00:03:21 1997

From: Rolf Jansson <rolf.jansson@ub.umu.se>

Subject: diffrents

Message-ID: <1.5.4.32.19970512080306.00908ce0@ub.umu.se>

Hi gang what are the diffrents between these r390a:s

EAC Industries/Hammarlund	1968	consumer	115
Dittmore-Freimuth	1968	DAAB05-68-C-0040	152
Fowler Industries	1984	N 00024-84-C-2027	2

73 de Rolf SM2MZC

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From owner-boatanchors@sco.theporch.com Tue May 13 00:03:21 1997

From: Rolf Jansson <rolf.jansson@ub.umu.se>

Subject: diffrents EAC,Dittmore,Fowler

Message-ID: <1.5.4.32.19970512070048.0091c034@ub.umu.se>

Hi gang what arew main diffrents between these r390a:s

EAC Industries/Hammarlund	1968	consumer	115
Dittmore-Freimuth	1968	DAAB05-68-C-0040	152

Fowler Industries

1984 N 00024-84-C-2027

2

73 de Rolf SM2MZC

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From owner-boatanchors@sco.theporch.com Tue May 13 00:03:21 1997

From: bdhall@ghg.net (Benjamin D. Hall)

Subject: F500Y70 filter

Message-ID: <3.0.32.19970512201501.006e3954@mailman.ghgcorp.com>

Hiya folks, picked up the following NIB mechanical filter for use on my R-388. It is a F500Y70 AM, which from what I understand about these units makes it a 500 kc center, 7.0 kc wide AM filter. About the size of a cigarette, with two solder terminals on one end and three on the other.

Anyone got hookup data?

Thanks and 73,

Ben

<smaller>---

Benjamin D. Hall, junque collector extraordinaire, Located in Houston, Texas.

e-mail: BDHall@ghg.net web: <http://www.ghgcorp.com/bdhall>

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From owner-boatanchors@sco.theporch.com Tue May 13 00:03:21 1997

From: Robert Friess <Rfriess@ix.netcom.com>

Subject: Fair Radio Out of GRC-109

Message-ID: <33778B0F.4553@ix.netcom.com>

After all of the traffic over the merits of the GRC-109, I decided that I should have one. I just got off the phone with Fair Radio and they tell me that they are out of the receivers. Is there another source? Does someone have one that they no longer want?

73,

Bob, N6CM

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From owner-boatanchors@sco.theporch.com Tue May 13 00:03:21 1997
From: JRininger@aol.com
Subject: FS: Filter Cap Substitution Boxes
Message-ID: <970512223153_1619178795@emout20.mail.aol.com>

I have two filter cap substitution boxes for sale for \$20 each plus 10 pounds of shipping from 93430.

It is possible to switch-select any value between .5 uf and 31.5 uf in .5 uf steps. 500 VDC rating. I use one for diagnosing "hummers" on the bench, but I don't need three.

Please email if you are interested.

73,
Jeff
N6MNI

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From owner-boatanchors@sco.theporch.com Tue May 13 00:03:21 1997
From: George Humphrey <gah@koyote.com>
Subject: FS: Last of Big Power Supplies
Message-ID: <1.5.4.32.19970513004944.00a1ba2c@mail.koyote.com>

BAers,

I only have four big power supplies left from the Microwave Station. They are as follows;

Two (2) each Power Supplies. 300 VDC @ 0.8A & 6.3 VDC @ 20A. Made by Power Equipment Company for Western Union. Model No. 8954. These are heavy duty 19" rack mount units, 7" tall by 15" deep, and weigh 55 lbs without a shipping crate. Inside each are two large transformers, 9 large Mallory caps, a 500V voltmeter, a 1 Amp ammeter, 11 large diodes, 9 transistors and 20 resistors from 50W down in size. I use one of these supplies for cap reforming with a powerstat. These units are inop when power is applied. Schematic included. Shipping weight about 55 lbs. \$75 each plus shipping.

One (1) each Power Supply. Lambda Electronics Model LM F5 regulated 5 VDC +/- 5% Adjustable, 48.0 Amps. This unit is 19" wide rack mounted by 21" deep and 3.5" tall. This supply is operational and shipping weight will be about 65lbs. \$50 plus shipping.

One (1) each Power Supply. 103-107 VDC, 400mA regulated supply mfg. by Power Sources for Western Union. This unit is 19" wide rack mounted by 5 1/4" high front panel and 14 1/2" deep. Shipping weight will be about 45lbs. This supply is operational. \$50 plus shipping.

Shipping on these supplies have been running about \$20-\$25 each. First come first served on these as I need to get them out of the shack.

73 George KC5WBV
gah@koyote.com

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From owner-boatanchors@sco.theporch.com Tue May 13 00:03:21 1997
From: Jay Coward <jayc@hpcmr42.sj.hp.com>
Subject: Glowing R-390A meters
Message-ID: <9705121656.AA19838@hpcmr42.sj.hp.com>

Greetings to the Group,
If you want to see your meters glow very brightly,
get yourself an Ultra Violet lamp. You'll be surprised
at how visible they are in a darkened room
73 Jay.

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From owner-boatanchors@sco.theporch.com Tue May 13 00:03:21 1997
From: "John H. Dilks III" <oldradio@worldnet.att.net>
Subject: Going to Dayton, then to School in Fairfax, VA
Message-ID: <19970512220814.AAC24117@LOCALNAME>

K2TQN/oldradio is going to Dayton - after 42 years in Ham Radio!

I'm looking to buy any o-l-d radio books and magazines,
especially Wireless and Amateur related (mid 20's and earlier).
This information will be shared on my WWWeb page.
(I now have 25 MB available for storage!)

I'm also looking for early Home-Brew Ham gear and parts for the same.

If anyone wants to visit, I'll be helping, part time,
in booth 1601 & 1602 in the large tent.

I'll also have some brand new "Tube Lore" books For Sale @ \$20.
with the latest updates.

+++> After Dayton I'll be in Computer School in Fairfax, Virginia,
May 19-22. Anybody want to trade some radios, magazines or books?
Email me before then. (I'll be in school in Reston, Virginia, the
first two weeks in June.)

73' John Dilks, K2TQN

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| 73's from John H. Dilks, K2TQN, oldradio@worldnet.att.net |
| |
| New 4-12-97: Brochure of Radio Station "WPG" Atlantic City c.1925 |
| + Big Radio Auction April 26 - Get the Auction Results Here + |
| |
| The New location for the NJARC is http://www.eht.com/oldradio |
| If you have an old (ver.1 type) Browser try |
| http://www.cyberhost5.com/eh/oldradio |
| There's always something new about old radio on our Web Page. |
| We update it every week! |
'|=====
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From owner-boatanchors@sco.theporch.com Tue May 13 00:03:21 1997
From: Ken Gordon <keng@uidaho.edu>
Subject: Re:GRC-109 RX gain, possible solution
Message-ID: <Pine.BSF.3.95.970512121819.5659B-100000@piobaire.mines.uidaho.edu>

Your ideas on the subject sound completely probable to me. I had not
thought of the situation in those terms and now it makes complete sense to
me.

Thanks.

Kenneth G. Gordon W7EKB	College of Mines and Earth Resources
226 N. Washington St.	//or// University of Idaho
Moscow, Idaho 83843	Moscow, Idaho 83844
(208)-882-8745	(208)-885-6133
Great Highland Pipes, Amateur Radio, Electronic Consulting, Home-Schooling	
Traditional Roman Catholic	

My PGP Public Key Upon Request.

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From owner-boatanchors@sco.theporch.com Tue May 13 00:03:21 1997
From: gcr2@po.CWRU.Edu (George C. Rybicki)
Subject: Halli S-53A manual?
Message-ID: <199705130136.VAA12540@piglet.INS.CWRU.Edu>

Can anyone help out with a manual copy or Sams copy for a Hallicrafters S53A?
Thanks in advance George KE8YX

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From owner-boatanchors@sco.theporch.com Tue May 13 00:03:21 1997
From: y4562@csra.net (Larry Louie)
Subject: Heath HD-1 and AA-1 Manuals Needed
Message-ID: <199705130231.CAA16415@sco.theporch.com>

Can anyone help with manual copies (reasonably priced) for a Heath AA-1
Audio Analyzer and HD-1 Harmonic Distortion Meter that I just aquired and
plan to put back into service?

Any help would be greatly appreciated. Thanks

Larry Louie

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From owner-boatanchors@sco.theporch.com Tue May 13 00:03:21 1997
From: William Donzelli <william@ans.net>
Subject: re: Help to ID Modulator
Message-ID: <199705121354.AA18058@interlock.ans.net>

> Pretty sure it's the modulator from a BC-640 VHF 6' rackmount that
> uese 2 3C24s in 120W input final. '640 was VHF mainstay @ every
> fighter base, was a Air Ministry design fm RAF, was built by Bendix,
> & got the airlines on VHF after WW2
>
> '640 was such a tank few were absorbed by hams.

I think there are far more out there than you think. About three years
ago, I was trying to put together a parted BC-640, and placed some adds
asking for information. I received quite a few replies from around the

country, four of them were BC-640 offers. No doubt there are many more (Baran's has an RAF version rusting away - who knows how it got overseas).

I have heard that these things are real dogs.

William Donzelli
william@ans.net

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From owner-boatanchors@sco.theporch.com Tue May 13 00:03:21 1997
From: "JOSE V. GAVILA (EB5AGV/EC5AAU)" <eb5agv@ctv.es>
Subject: HELP: sweep generator
Message-ID: <1.5.4.32.19970512155914.0089b498@sandra.ctv.es>

Hello BA restorers & users!

Well, although not estRICTLY a BA, I'm looking for a sweep generator in order to visualize some IF responses and such... Can you tell me which sweep generators are suitable to that job (WaveTek seems to do very good ones...)? I have here a TEK 475 scope, a HP-200CD generator, another HF (tubed :-) generator (european, Philips 2883/03) and a HP-5328A counter as main test gear. So I wonder if with this setup and one suitable sweep generator, I would be able to look at those pretty IF curves...

Of course, if there is any sweep generator available, I'm open to offers!.

As this is a bit off-topic, please, e-mail privately.

THANKS!

73 JOSE V. GAVILA (EB5AGV / EC5AAU)
Ausias March 46, 15
46910 Benetusser - VALENCIA
SPAIN

***** PLEASE, VISIT MY HOME PAGE! *****

<http://www.geocities.com/SiliconValley/6992/>
e-mail: eb5agv@ctv.es & eb5agv@amsat.org

-----__ListProc__NextPart____BOATANCHORS__digest_1441

From owner-boatanchors@sco.theporch.com Tue May 13 00:03:21 1997

From: "Marll McDonald, SES, DTN 223-6882" <m_mcdonald@meta.ENET.dec.com>
Subject: RE: Hickock repair/parts
Message-ID: <9705121620.AA26516@us2rmc.zko.dec.com>

Jeff, WA6AHL asked about a source of parts and information for Hickock tube testers. Next is an old post to BoatAnchors that might help him and other owners of these testers.

Marll KB1AGM
=====

BOATANCHORS Digest 425

From owner-boatanchors@sco.theporch.com Tue May 13 00:03:21 1997
From: "Turini, Bill" <turinib@wdni.com>
Subject: Hickock Tube Tester Info Source
Message-ID: <199601162233.AA13879@interlock.wdni.com>

I spoke today to

Wendell E. Hall
3 Mockingbird Cir.
Jeffersonville, IN 47130
(812) 282-9709

concerning tube testers, specifically TV-10s. It turns out the he has been working with Hickock equipment since the "Big War" (i.e. 1940 or so) and has recently retired from the Army at Ft. Knox.

He said he has made arrangements with Hickock to be their resource for tube testers, and other equipment, since they are now out of that business. The factory will refer all calls to him. He supposedly is getting all the information from the factory concerning the old gear. He repairs, sells, etc. the equipment.

Nice buy to talk to.

73

Bill Turini KA4GAV/7
h (360) 825-1167
S/1
S/1 Always looking for Signal/One equipment, accessories, documentation,
etc.
S/1

turinib@wdni.com
w (206) 924-5890

----__ListProc__NextPart____BOATANCHORS__digest_1441

From owner-boatanchors@sco.theporch.com Tue May 13 00:03:21 1997
From: Surplus Al <surplsal@tl.infi.net>
Subject: Info
Message-ID: <337641C0.4544@tl.infi.net>

To all who requested information, I am leaving for Dayton Wed Morning
and wont be able to answer requests til next week. 73 Al W3UGD

----__ListProc__NextPart____BOATANCHORS__digest_1441

From owner-boatanchors@sco.theporch.com Tue May 13 00:03:21 1997
From: Tom Norris <badger@telalink.net>
Subject: Info needed: Mars RC-288A SSB Convertor
Message-ID: <3.0.1.32.19970512215037.00a266b0@telalink.net>

Still looking for info on this unit. Well built, a bit larger than
a CV591 or so. Seems to be complete except for the tubes
(only about 40!!!!) anyone seen one of these?

Anyone have any info on this beast??? IF in freq, etc???

Anyone have a manual copy for it???

Thanks

Tom Norris
KA4RKT
badger@telalink.net

Tom Norris KA4RKT
badger@telalink.net Nashville, Tennessee, USA

Eagles may soar free and proud, but weasels
never get sucked into jet engines.

----__ListProc__NextPart____BOATANCHORS__digest_1441

From owner-boatanchors@sco.theporch.com Tue May 13 00:03:21 1997
From: Ron Thomas <rthomas@gulf.net>
Subject: Re: MFP "recipe"???
Message-ID: <337748BB.619A@gulf.net>

Benjamin D. Hall wrote:

>
> >Does anyone have a good source for this info? Inquiring minds want to
>
> >know. ;-)
>
> Anyone here got access to a MIL SPEC file? If I remember correctly,
> MFP per MIL-V-173 (I think that was the spec, probably wrong) was just
> varnish with some sort of copper compound fungicide in it...
>
> 73,
> Ben
> ---

For anyone who is interested, I have a copy of MIL-V-173C. The composition of the "Moisture-and-Fungus-Resistant Varnish" in this spec is Varnish consisting of a "suitable" solvent (methanol, benzene, chlorinated hydrocarbons, and other "highly toxic" solvents shall not be used), Tung oil, and para-phenyl phenol-formaldehyde resin. The "fungistatic agent" which is added to the varnish is salicylanilide (7.0 plus/minus 1.0 percent by weight) or copper 8-quinolinolate (1.0 plus 0.25 minus 0.0 percent by weight).

There is a rather complex procedure for mixing this stuff provided in the specification as well as characteristics such as viscosity, drying time, low-temp stability, dielectric strength, insulation resistance, fungus resistance, etc. If anyone is interested in a copy of this spec I will be happy to make a copy and send it if you provide a Business size or larger SASE and about .75 cents of postage (about 20 pages of text). E-mail me directly if interested.

73,

Ron Thomas N4RT
rthomas@gulf.net

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From owner-boatanchors@sco.theporch.com Tue May 13 00:03:21 1997
From: "Ray L. Mote" <rmote@rain.org>
Subject: MFP tidbit...
Message-ID: <Pine.SUN.3.96.970512002209.21681B-100000@coyote.rain.org>

Did find reference in Navy Model MAR manual. The varnish contains *no* pentachlorinated phenol, nor mercury compounds. Applicable specs at

the time were JAN-C-173 (Navy Spec. 52C35 INT). They mentioned that there was a fluorescent dye in it, which allowed viewing under UV light to detect voids in coverage. Some of the commercial compounds used at the time were:

VARNISH	THINNER	MFR
----- RCA Finish #763	----- RCA Thinner #10 Toluol or Solvesco No. 1 or 2	----- RCA Camden, NJ
----- Moisture and Fungus Resistant Varnish #522ASH	----- Reducer #8	----- Maas & Waldstein Newark, NJ
----- Tuf-on Bakelite Resin Varnish #74S	----- Tuf-on Thinner #74	----- Wipe-On Corp. New York, NY
-----	-----	-----

Still no "recipe". LOL finding any of these! (Probably have a visit from EPA and OSHA for even thinking of it...)

73.....Ray Mote, K5FKT <rmote@rain.org> Oxnard, CA

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From owner-boatanchors@sco.theporch.com Tue May 13 00:03:21 1997
From: Lenox Carruth <carruth@swbell.net>
Subject: Re: MFP tidbit...
Message-ID: <33774DA4.2C36@swbell.net>

I have found that, for purposes of visual restoration, old polyurethane varnish makes a fair substitute for MFP varnish. It seems that the older it gets the yellower it gets. I try not to operate such restored radios in the presence of fungi since polyurethane varnish does not have the toxic effect on them that the original did!!

--

Lenox

-

Lenox Carruth, Jr. Dallas, Texas
Carruth@swbell.net
Collector of WW-II Communications Equipment and Memorabilia

Wanted: Excellent TCS-14 Transmitter and Mounting Plate, TBX, LS-3

--

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From owner-boatanchors@sco.theporch.com Tue May 13 00:03:21 1997
From: jeffa@ix.netcom.com (Jeff Anderson)
Subject: Morrow Help!
Message-ID: <199705130058.TAA24729@dfw-ix10.ix.netcom.com>

I'm trying to get more info on two Morrow units that I picked up at a swapmeet not long ago. They are:

5BR-F
FTR-2

I'd like to put these on the air, but I don't know what goes where. Does anyone have manuals or schematics that they could copy for me? I'll be happy to pay for them. I checked the web pages for W7FG and Tannenbaum, and struck out both times.

I'm not sure what the -F and the -2 suffixes mean. I had two similar units about 30 years ago when I was in high school, but I don't think they had the suffixes. Anyone know?

Thanks!

- Jeff, WA6AHL

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From owner-boatanchors@sco.theporch.com Tue May 13 00:03:21 1997
From: "Lawrence R. Ware" <lrware@pipeline.com>
Subject: Need Manual, WRL Galaxy 300
Message-ID: <3.0.16.19970512203943.401f4810@pop.pipeline.com>

Good evening folks, anyone have a manual for an old WRL Galaxy 300 transceiver? I recently saved one from the junk pile and would like to get it working. Photocopy OK, will be happy to pay for copy and postage. Thanks,
-Larry

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Let your equipment retire in sunny central Florida.
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Factory trained HP, Tek & Fluke Surgeon on staff.
Good Home Guaranteed or double your junk back!
lrware@pipeline.com - Orlando, FL -

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From owner-boatanchors@sco.theporch.com Tue May 13 00:03:21 1997
From: Rolf Jansson <rolf.jansson@ub.umu.se>
Subject: oil
Message-ID: <1.5.4.32.19970512085147.0090171c@ub.umu.se>

hi

I have posted some mail regarding oil for my r390a,
and I have found some at a "gunstore"

My question can I use this brand

HoppÈs
Pengiun Industries Inc.
Coatesville PA 19320
USA

1. HoppÈs Gun Grease item no: 1102
2. HoppÈs Lubricating Oil item no:1003

73 de Rolf SM2MZC

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From owner-boatanchors@sco.theporch.com Tue May 13 00:03:21 1997
From: Bob Marsh <bmarsh@hicom.net>
Subject: R-390 manual Needed
Message-ID: <3377DC02.6580@hicom.net>

Hi everyone,

I have a friend who needs a manual for an R-390/URR. Here's the
particulars for anyone who's interested:

US Army
Mfg: Motorola
Ser#: 979

Order: 13602-PH53

He's not a subscriber to the list, but I will send him any responses and he will contact you directly.

73 de Bob/KB2SGM

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From owner-boatanchors@sco.theporch.com Tue May 13 00:03:21 1997
From: bdhall@ghg.net (Benjamin D. Hall)
Subject: R-390A alignment tools?
Message-ID: <3.0.32.19970512101804.006a2338@mailman.ghgcorp.com>

Hiya folks... Went to begin doing some work on my R-725 last night, and remembered that I had never gotten around to procuring a set of alignment tools for it. Can anyone tell me what tools I need?

I imagine I need a hex driver for the slug cores but I am not sure if I need 0.100" or 0.125" hex, and a non-metalic screwdriver. Anyone think of anything I am missing? Are the tools sold by AES good quality?

I guess I should state that since this is an R-725, I need tools for the R-390(non A) IF deck and tools for the rest of a normal R-390A.

Thanks and 73,
Ben (yes, slow day at work)

Benjamin D. Hall - Junque collector extraordinaire.
Located in Houston Texas.
e-mail: BDHall@ghg.net
web page: <http://www.ghgcorp.com/bdhall>

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From owner-boatanchors@sco.theporch.com Tue May 13 00:03:21 1997
From: "Lloyd A. Scott, Jr." <wpul11130@concentric.net>
Subject: R-516 AN/URR27A
Message-ID: <3377377E.6CD1@concentric.net>

Greetings all: can someone describe at R-516 AN/URR-27A. Many Thanks
and 73's
Lloyd

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From owner-boatanchors@sco.theporch.com Tue May 13 00:03:21 1997

From: bdhall@ghg.net (Benjamin D. Hall)
Subject: Someone was looking for an R-388?
Message-ID: <3.0.32.19970512091833.00692134@mailman.ghgcorp.com>

Would the person who was looking for an R-388 please e-mail me? I may have a source for you.

Thanks,
Ben

Benjamin D. Hall - Junque collector extraordinaire.
Located in Houston Texas.
e-mail: BDHall@ghg.net
web page: <http://www.ghgcorp.com/bdhall>

----__ListProc__NextPart____BOATANCHORS__digest_1441

From owner-boatanchors@sco.theporch.com Tue May 13 00:03:21 1997
From: rsolomon@tsd.textron.com
Subject: SVETLANA Web page
Message-ID: <9704128634.AA863465859@cctds.tsd.textron.com>

Anyone have the URL for this. Thanks, Dick, W1KSZ
(ps WebSearch comes up with just a bunch of young
ladies named Svetlana, not quite what I am looking
for !!)

----__ListProc__NextPart____BOATANCHORS__digest_1441

From owner-boatanchors@sco.theporch.com Tue May 13 00:03:21 1997
From: John <johnmb@mindspring.com>
Subject: Re: SVETLANA Web page
Message-ID: <199705121641.MAA18014@brickbat8.mindspring.com>

At 12:28 PM 5/12/97 EDT, you wrote:

> Anyone have the URL for this. Thanks, Dick, W1KSZ
> (ps WebSearch comes up with just a bunch of young
> ladies named Svetlana, not quite what I am looking
> for !!)
>

try www.svetlana.com

(you can send the other postings to me!!!)
:-)
/John

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From owner-boatanchors@sco.theporch.com Tue May 13 00:03:21 1997
From: Laird_Tom_N@hpmail1.90.deere.com
Subject: Re: SVETLANA Web page
Message-ID: <H00005a004f33cb1@MHS>

> At 12:28 PM 5/12/97 EDT, you wrote:
> > Anyone have the URL for this. Thanks, Dick, W1KSZ
> > (ps WebSearch comes up with just a bunch of young
> > ladies named Svetlana, not quite what I am looking
> > for !!)
> >
> try www.svetlana.com
>
> (you can send the other postings to me!!!)
> :-)
> /John

You must have been looking under GURL!!!!

Tom Laird WC9M Moline, IL

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From owner-boatanchors@sco.theporch.com Tue May 13 00:03:21 1997
From: dfrancis@iex.net (Dexter Francis)
Subject: TBW Power supply available
Message-ID: <v01520d0baf9d044e3919@[207.0.57.74]>

All this talk about TBX's reminds me that I have a TBW-3 power supply/modulator section which is lonely for it's mates.

This unit is all original and the front panel is quite clean cosmetically. It is missing both side covers, but the rear bug screen is in place. (I've cleaned the dirt out of the bottom compartment and the rest of the insides.) There doesn't appear to be much corrosion, if any. The ceramic terminal slab on top of the main transformer is cracked, but functional/repairable.

This is the unit that had the RF modulator included in the power supply section and was used with a portable gasoline generator for "Advance Base" installations. It's covered on page 47 of Volume II of the Surplus Conversion Handbook.

I'd considered converting it to 60 Hz operation (it's desinged for 400 to

800) but that would destroy it's originality, so I'm offering it to the group. Size is 33 x 10 x 17. It's supposed to weigh 71 lbs., but it doesn't feel that heavy to me. I'm sad to say the telegraph key is not in the garage.

I can also supply all the tubes or reasonable substitutes, except the 843.

Add a CAY 52238 and 52239 and you'd be in business at 100 watts from 350 to 18000 KC!

Anybody care to offer \$15 plus shipping for it? (Save it from becoming a case for a 486SX-2....eek!)

-df

* CWest Tube Sales - P.O.B. 22443 SLC, UT 84103 *
* http://www.usa.net/~dfrancis/CWest_Tube_Sales.html *

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From owner-boatanchors@sco.theporch.com Tue May 13 00:03:21 1997
From: Jack Harper <jharper@bs2000.com>
Subject: Tube Specs Anyone...5J29 Magnetron?
Message-ID: <199705121416.IAA05463@lynx.csn.net>

Anyone has any kind of information regarding the 5J29 magnetron?

I have one of these (NOS -- still in the original wrapper) that is marked "Confidential" and was built by General Electric (GL-5J29). I think that it was built in the mid to late 40's but could easily be wrong.

I have dug through every microwave book I have (MIT Radiation Lab series et. al.) with no luck.

Would greatly appreciate *any* information on this magnetron.

BTW -- this is a very interesting tube as you can easily see the cavity (made of copper) etc. The thing is in a glass tube about 6-inches long and 3-inches or so in diameter.

Regards to all.

Jack, KC0LR (Friend to all things Hammarlund)

Jack Harper
e-mail: jharper@bs2000.com

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Fingerprint: 75 DA 06 35 F8 3D AC EC 3A F2 7C 59 A1 11 A5 74

Key available from Public Key Servers and above Web Page

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From owner-boatanchors@sco.theporch.com Tue May 13 00:03:21 1997

From: William Donzelli <william@ans.net>

Subject: Re: Tube Specs Anyone...5J29 Magnetron?

Message-ID: <199705121440.AA22509@interlock.ans.net>

> Anyone has any kind of information regarding the 5J29 magnetron?

>

> I have one of these (NOS -- still in the original wrapper) that is marked
> "Confidential" and was built by General Electric (GL-5J29). I think that it
> was built in the mid to late 40's but could easily be wrong.

This was used in the (very) late war Navy model TDY jammer, made by
General Electric.

William Donzelli

william@ans.net

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From owner-boatanchors@sco.theporch.com Tue May 13 00:03:21 1997

From: George Humphrey <gah@koyote.com>

Subject: WTB: Paco Model C-20 Manual

Message-ID: <1.5.4.32.19970512193415.00b2da5c@mail.koyote.com>

BAers,

I have a very nice Resistance-Capacity-Ratio Bridge
built by Paco a division of Precision apparatus. It is
the model C-20 and as indicated in the subject, I am
in need of a manual for this unit. I also need an
"External Standard" and don't have any idea what is
used as the standard. Any ideas?

Thanks for your responses,

73 George KC5WBV
gah@koyote.com

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From owner-boatanchors@sco.theporch.com Tue May 13 00:03:21 1997
From: "Lawrence R. Ware" <lrware@pipeline.com>
Subject: WTB: pair of sockets and chimneys
Message-ID: <3.0.16.19970512200551.401ffa44@pop.pipeline.com>

Good Evening folks, I want/need a pair of ceramic sockets and cooling chimneys for a set of type 7609 air cooled power tubes. These are mechanically the same as 4CX250's.

Used or NOS is fine, what have you got?
-Larry

Larry's Home for Wayward Test Equipment & Old Radios (tm)
Let your equipment retire in sunny central Florida.
Intensive Care, Private Bench Space, Frequent Use,
Factory trained HP, Tek & Fluke Surgeon on staff.
Good Home Guaranteed or double your junk back!
lrware@pipeline.com - Orlando, FL -

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From owner-boatanchors@sco.theporch.com Tue May 13 00:03:21 1997
From: Roland S Geter Sr <wb6lna@primenet.com>
Subject: WTB: Trailer Tower
Message-ID: <199705122025.NAA19138@usr02.primenet.com>

Will pay cash and shipping for crank-up 2, 3, or 4 section unit in any condition.

Roland S Geter PhD - WB6LNA/7 ex W2RPQ
Madell M Geter RN - KD6QCH
Internet: wb6lna@primenet.com
roland@primenet.com
madell@primenet.com
ax25: wb6lna@kc7y.az.usa.noam
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<http://www.primenet.com/~romad/collins.htm>

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From owner-boatanchors@sco.theporch.com Tue May 13 00:03:21 1997
From: Bob Rolfness <rsrolfne@atnet.net>
Subject: WW-II Headphones?
Message-ID: <33770E33.26A2@atnet.net>

Greetings All -

In the 1950s as a young ham I obtained from WW-II surplus a very nice pair of headphones. They were the kind worn by airmen on the B-17s [At least from the movie "12 O'clock High"], had Hi-Z, leather on the headband, and a short 3 ft. cable with a short PL-55 type plug that fit into an 4 to 6 ft. adapter cable between the phones and a standard PL-55 plug. They came with or without a set of large ear muff pads.

Question. Can anyone tell me the name and military number for the above? I'd like to keep a lookout for a nice pair.

Thanks,

73's Bob W7VZX

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From owner-boatanchors@sco.theporch.com Tue May 13 00:03:21 1997
From: Lenox Carruth <carruth@swbell.net>
Subject: Re: WW-II Headphones?
Message-ID: <337754B2.3E38@swbell.net>

Early in the war, aircraft were supplied with the HS-23-() headset. It had two R-14 elements that were 4000 ohms each for a total impedance of 8000 ohms. The headband was the HB-7 and they had a PL-54 which was used with Cord CD-307 as a bailout connection. This headset was specified for use in both ground vehicles and aircraft.

This headset was replaced for aircraft use by the HS-33-() which used two ANB-H-1 elements. Total impedance of the headset was 600 ohms. The HB-7 headband was used along with a PL-354 and Cord CD-307. Cushions MC-162 are listed as standard for both headsets in TM 11-487.

The HS-38 consisted of the elements and cordage of the HS-33-() without the cushions and headband. It was intended fo use in Air Corps flying helmets.

The HS-30 replaced the HS-23-() for ground use.

--

Lenox

-

Lenox Carruth, Jr. Dallas, Texas
Carruth@swbell.net
Collector of WW-II Communications Equipment and Memorabilia

Wanted: Excellent TCS-14 Transmitter and Mounting Plate, TBX, LS-3

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